

Amended patent claims PCT/EP03/08463

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Claims:

1. A copolymer made of alkylene oxides and glycidyl ethers according to formula (I)

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in which

R is hydrogen or a C₁-C₄-alkyl radical,

10 R² and R⁴ are hydrogen or an alkyl or aryl radical having 1 to 30 carbon atoms,

R³ is an alkyl or aryl radical having 1 to 50 carbon atoms which may also contain heteroatoms,

A is an alkylene unit having 2 to 6 carbon atoms,

15 x is 0 or 1,

y is a number from 0 to 10,

n is a number from 0 to 100,

k is a number from 1 to 100,

C is an acid group or hydrogen, and

20 m is a number from 1 to 500,

with the proviso that (y+n) must be at least 1.

- 2. A copolymer as claimed in claim 1, in which C is the radical of a dibasic or tribasic acid.
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- 3. The use of copolymers as claimed in claim 1 and/or 2 as polymerizable emulsifiers in emulsion polymerization.